

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An image file apparatus, comprising:

an image data reading device that reads original image data in a compressed format from an interchangeable recording medium;

a converting device that determines whether conversion of the original image data is necessary based on a size of the original image data and a display size corresponding to a display, and if conversion is determined to be necessary, converts the original image data read by the image data reading device into display image data in the display size of the display, wherein the original image data is in an expanded format when the necessary conversion is performed; and

an image recording device that records the original image data read by the image data reading device onto a first recording medium in a compressed format, and that records the display image data produced by the converting device onto the first recording medium in a compressed format if the conversion of the original image data has been determined to be necessary by the converting device,

wherein the display includes a display memory, and at least one of the original and display image data is transferred from the first recording medium to the display memory before being displayed.

2. (Previously Presented) The image file apparatus as defined in claim 1, wherein the interchangeable recording medium is a second recording medium that is built into a digital camera.

3. (Previously Presented) The image file apparatus as defined in claim 1, wherein the interchangeable recording medium is a second recording medium capable of being detachably mounted in a digital camera.

4. (Previously Presented) The image file apparatus as defined in claim 1, wherein the first recording medium is built into the image file apparatus.

5. (Previously Presented) The image file apparatus as defined in claim 1, wherein the first recording medium is an external recording medium operably connected to the image file apparatus.

6. (Original) The image file apparatus as defined in claim 1, wherein the first recording medium is detachably mounted in the image file apparatus.

7. (Previously Presented) The image file apparatus as defined in claim 1, further comprising:

an image data reading device operably connected to the first recording medium that is configured to:

if the conversion of the original image data has been determined to be necessary by the converting device, read the display image data from the first recording medium, and

if the conversion of the original image data has not been determined to be necessary, read the original image data from the first recording medium; and

a display driver that drives the display to display an image in accordance with one of the original image data and the display image data, the one of the original image data and the display image data being read from the first recording medium.

8. (Previously Presented) An image file apparatus, comprising:

an image data reading device that reads original image data;

a converting device that determines whether conversion of the original image data is necessary based on a size of the original image data and a display size corresponding to a display, and if conversion is determined to be necessary, converts the original image data read by the image data reading device into display image data in the display size of the display;

an image recording device that records the original image data read by the image data reading device onto a first recording medium, and that records the display image data produced by the converting device onto the first recording medium if the conversion of the original image data has been determined to be necessary by the converting device;

a management table file stored in the first recording medium;

an image data reading device operably connected to the first recording medium that determines one of the original image data and the display image data that is to be read from the first recording medium according to information in the management table file.

9. (Previously Presented) The image file apparatus as defined in claim 1, wherein

if the size of the original image data is larger than the display size corresponding to the display, the converting device is configured to:

determine that conversion is necessary, and

convert the original image data in order to reduce the number of pixels.

10. (Previously Presented) The image file apparatus as defined in claim 1, wherein

if the size of the original image data is smaller than the display size corresponding to the display, the converting device is configured to:

determine that conversion is necessary, and

convert the original image data in order to increase the number of pixels by interpolation.

11. (Previously Presented) The image file apparatus as defined in claim 1, wherein the original image data is captured via digital communication, the captured original image data being read by the image data reading device.

12. (Currently Amended) An image filing method, comprising:

reading original image data in a compressed format from an interchangeable recording medium;

determining whether conversion of the original image data is necessary based on a size of the original image data and a display size corresponding to a display device;

converting, if the conversion is determined to be necessary, the original image data into display image data having a size substantially equal to the display size;

recording the original image data onto a first recording medium in a compressed format; and

recording, if the conversion is determined to be necessary, the display image data in the first recording medium in a compressed format,

wherein the display includes a display memory, and at least one of the original and display image data is transferred from the first recording medium to the display memory before being displayed, and

wherein the original image data is in an expanded format when the necessary converting is performed.

13. (Previously Presented) The method as defined in claim 12, wherein the interchangeable recording medium is a second recording medium built into a digital camera.

14. (Previously Presented) The method as defined in claim 12, wherein the interchangeable recording medium is a second recording medium capable of being mounted in a digital camera.

15. (Previously Presented) The method as defined in claim 12, further comprising:
reading display driving data from the first recording medium; and
driving the display apparatus to display an image based on the display driving data,

wherein the display driving data is read from the first recording medium by:

if the image data has been converted from the original image data and recorded in the first recording medium, reading the display image data as the display driving data; and

if the display image data has not been converted from the original image data and recorded in the first recording medium, reading the original image data as the display driving data.

16. (Previously Presented) The method as defined in claim 15, further comprising:
determining, from a management table file stored in the first recording medium, whether the image data has been converted from the original image data and recorded in the first recording.

17. (Previously Presented) The method as defined in claim 12, wherein

the determining step determines that conversion is necessary if the size of the original image data is larger than the display size corresponding to the display apparatus, thereby causing the converting step to convert the original image data by reducing a number of pixels therein.

18. (Previously Presented) The method as defined in claim 12, wherein

the determining step determines that conversion is necessary if the size of the original image data is smaller than the display size corresponding to the display apparatus, thereby causing the converting step to convert the original image data by reducing a number of pixels therein by interpolation.

19. (Previously Presented) The method as defined in claim 12, wherein the determining step determines the conversion is not necessary if the size of the original image data is compatible with the display size corresponding to the display apparatus.

20. (Previously Presented) The method as defined in claim 12, further comprising:

capturing the original image data via digital communication, wherein the reading step reads the captured original image data.